

# Antony Attia

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## SKILLS

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- Proficient with **C**, **Java**, and **Python**.
- Familiar with web development, including **HTML**, **CSS**, and **JavaScript**.
- Have experience with assembly languages (**Motorola 68000 assembly**).
- Experienced with **Linux/UNIX** environments and tools (**Valgrind**, **GDB**, **Make**, etc.).
- Experienced with **Bash** scripting, **Git**, and **Microsoft Office** (Word, Excel, etc.).
- Knowledgeable in computer and networking **hardware** and **setup**.
- Seasoned **team worker** with excellent **communication** and **interpersonal skills**.

## EDUCATION

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### Bachelor of Computing in Computer Science (Honours, Co-op)

University of Guelph - *Guelph, ON*

2014 - 2019

- Currently taking Operating Systems and Analysis & Design of Computer Algorithms.
- Have taken Object Oriented Programming, Data Structures, and Structure and Application of Microcomputers in the previous semester.

### Ontario Secondary School Diploma

St. Augustine Catholic High School - *Markham, ON*

2010 - 2014

- Yearly Honour Roll student and graduated as an Ontario Scholar.

## PROJECTS & TECHNICAL EXPERIENCE

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### easyLED Bulb

February 2016 - Present

- An Android app that controls a Bluetooth 4.0 multi-coloured LED lightbulb through the Android lock screen.
- Coded with Java on Android Studio, utilizing the Android SDK (particularly Bluetooth API).
- Currently a work-in-progress as I'm currently learning the Android SDK in the process.

### TermChat

July 2015 - Present

- A client/server chat terminal program, coded in C.
- Uses UNIX domain sockets for networking, with NCurses as its command line interface.
- Expanded my knowledge and understanding of networking and UNIX domain socket programming.
- Currently a work-in-progress. Looking to implement SSH via libssh for secure and encrypted communication.

### Personal Website

July 2015 - Present

- Built a personal website using HTML5 and CSS3.
- Implemented Bootstrap for seamless compatibility with mobile devices, and Font Awesome for vector icons.
- Looking to implement a dedicated page for my projects using JQuery for sleek and attractive animations.